

Amendments to the Specification

Please amend the specification as indicated.

Please amend paragraph [0034] as follows:

The use of flexures presents a variety of problems. Referring again to FIG. 1A, when both flexures 115A are attached to the baseframe 110A 105A at their bottom end and to the reaction mass at their top end, reaction mass 110A follows a frown-shaped arc 116A upon acceleration of a coupled stage (not shown). In other words, the flexures 115A each shorten with a quadratic error. The effect of the quadratic error is an unbalanced up-and-down motion of the reaction mass. Not only could this cause unwanted movements of the system during lithographic processing, but this also may cause a clearance problem between the bouncing reaction mass 110A and a linear motor, if used. Despite the downsides, one advantage of this configuration is that the gravity moments subtract from flexure moments, which reduces or eliminates the re-centering force.

Please amend paragraph [0035] as follows:

Similarly, as shown in the depiction of linear spring 100B in FIG. 1B, when both flexures 115B are attached to the baseframe 110B 105B at their top end and to reaction mass 110B at their bottom end, reaction mass 110B follows a smile-shaped arc 116B upon acceleration of a coupled stage (not shown). In other words, the flexures 115B each shorten with a quadratic error, and have similar effects as in the prior example. However, when this occurs, gravity moments plus the flexure moments add to produce a stronger re-centering

force. The stronger the re-centering force, the larger the load on the reaction masses, therefore requiring larger motors.